Deseret Chemical Depot
Restoration Advisory Board Meeting

March 17, 2009
Tooele Chemical Stockpile Outreach Office
54 South Main Street
Tooele, Utah

Project Status of DCD Environmental Projects

Lynn E. Appell
Project Manager
U.S. Army Corps of Engineers

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SWMU 13 - Chemical Waste Munitions Disposal System (CAMDS)

History: Diesel spill

Actions: - Geophysical study & sampling complete
- Bioventing design recommended & found not efficient
- Free product removal in award stage

Recommendation: - Follow-up sampling after free product removal

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SWMU 29 – Metal Scrap Landfill

History: Landfill surface removal of all scrap complete.

Actions:
- Geophysical survey being awarded
- Funds received Mar 09

Recommendation:
- If no additional metals are found, recommend site closure

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SWMU 19 – Bldg 533, Empty Drum Storage

History: Septic tank removed

Actions: - Will be checking for residual contamination with soil gas sampling

- Contract in the works for soil gas sampling - funding received Mar 09

Recommendation: If sampling comes up clean, recommend closure of site

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SWMU 3 – Disposal Pit

History: - Investigations found metals in soil, low levels of metals & volatile organic compounds in groundwater

- Geophysical survey completed. Minimal anomalies detected
- Soil borings conducted to confirm no other contamination

Actions: - Contract for removal of 5 metal anomalies out for award, including additional soil sampling for chemical warfare material, chlorinated solvents and agent breakdown products (funding received Mar 09)

Recommendation: - After removal of anomalies and if soil sampling shows no further contamination, recommend closure of site.

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SWMU 1 – Eastern Demilitarization Pits

History: 373 acres used for disposal of residual hazardous waste, munitions debris, and chemical warfare materials.

Actions: - Investigations utilizing passive soil gas study for volatile organic compounds and agent products underway.
- Completion date Sep 09.
- Results to be briefed at Nov 09 RAB

Recommendation: - Continued investigations (reference next slide).
- Compile all historical records available to decipher dump site contamination probability for sub-site location.

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SWMU'S 1 & 25, Eastern & Western Demilitarization Disposal Pits

History: - SWMU 1 (373 acres) and SWMU-25 (1,105 acres) both used for disposal of residual hazardous waste, munitions debris, and chemical warfare materials.

- Letter to Deseret Chemical Depot from Utah Department of Environmental Quality (19 Feb 09) for surface cleanup plan w/in 180 days

Action: - Evaluating recent Final Work Plan Soil Investigation Report for SWMU 1 and SWMU 25 for overall surface cleanup plan

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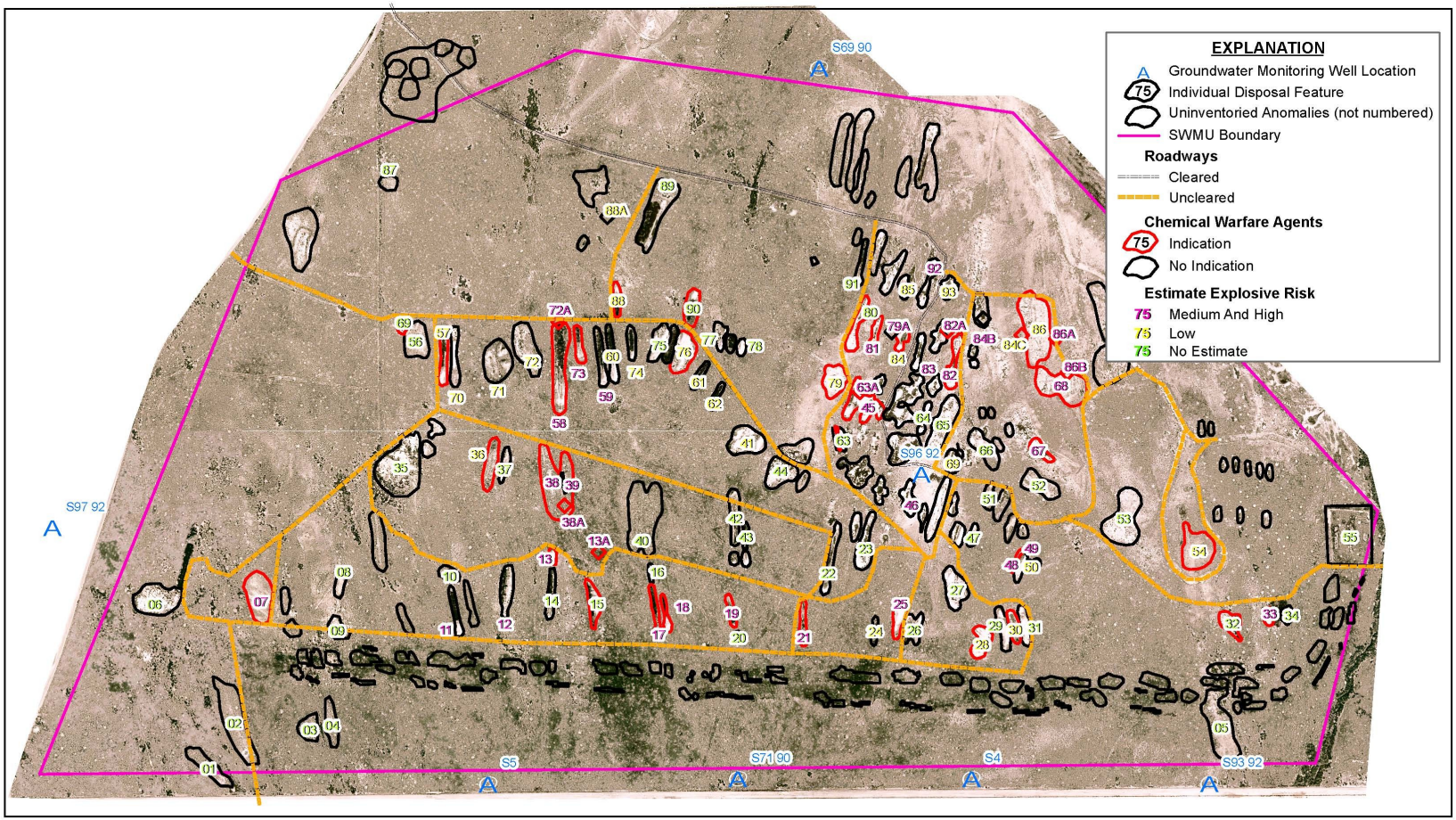

Source:
September 27, 2000 digital aerial photography provided by USACE

0 100 200 400 600 800 1,000 1,200 Feet

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PASSIVE SOIL GAS SURVEY WORK PLAN
SWMU 1 AND SWMU 25 DESERET CHEMICAL DEPOT
STOCKTON, UTAH

SWMU 1 SITE MAP

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FIGURE 2-2

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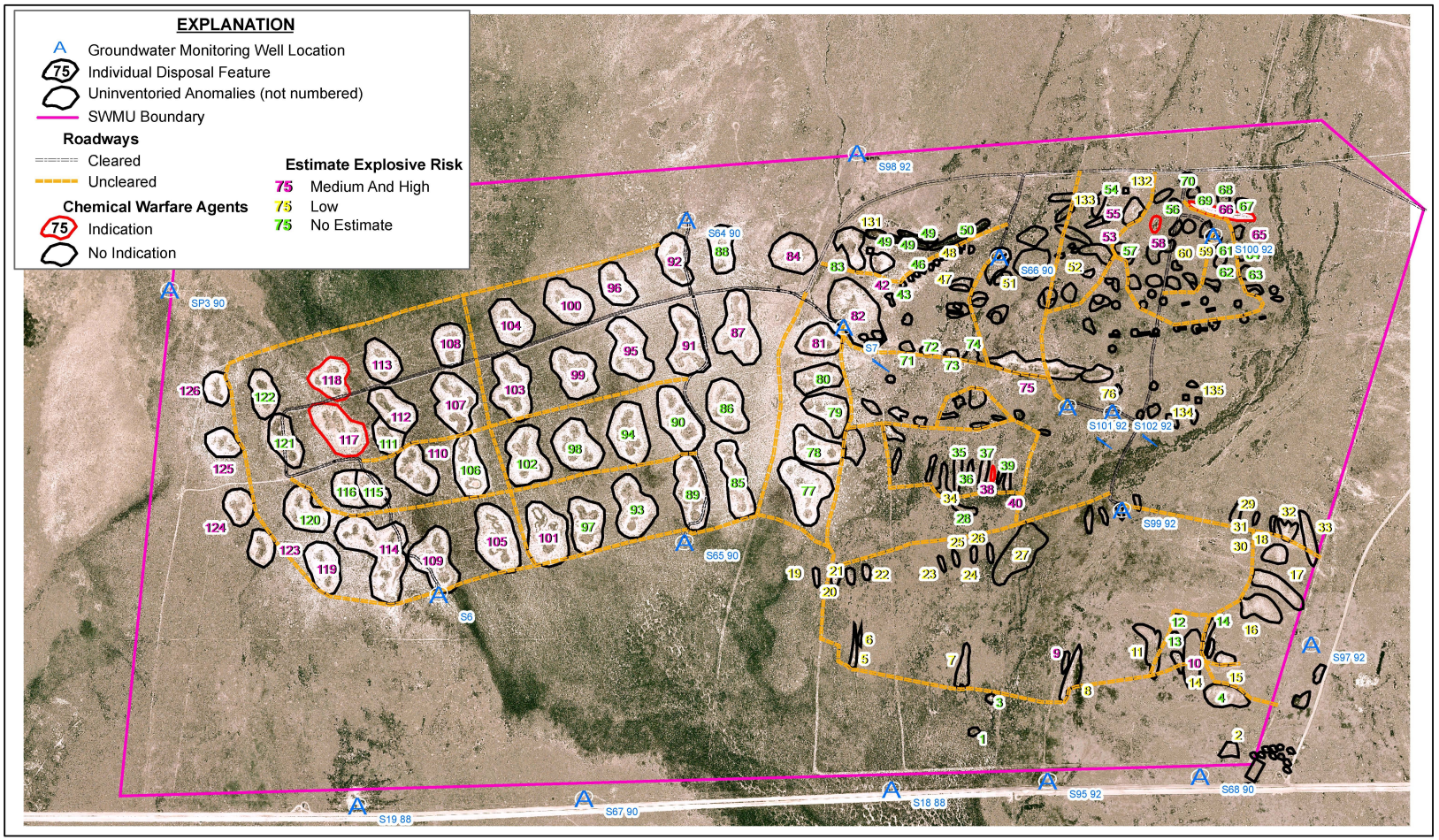

Source:
September 27, 2000 digital aerial photography
provided by USACE

0 200 400 800 1,200 1,600 2,000 2,400 Feet

1:9,600

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PASSIVE SOIL GAS SURVEY WORK PLAN
SWMU 1 AND SWMU 25 DESERET CHEMICAL DEPOT
STOCKTON, UTAH

SWMU 25 SITE MAP

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FIGURE 2-3

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QUESTIONS ?

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